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*Attorneys for Plaintiffs*

UNITED STATES DISTRICT COURT  
SOUTHERN DISTRICT OF CALIFORNIA

THIS DOCUMENT APPLIES TO ALL  
CLAIMS MADE BY ALL PLAINTIFFS IN  
MDL NO. 2452 AGAINST ANY OR ALL  
OF THE DEFENDANTS NAMED HEREIN

Plaintiffs

v.

MERCK SHARP & DOHME CORP.;  
NOVO NORDISK INC.; AMYLIN  
PHARMACEUTICALS, LLC; ELI LILLY  
AND COMPANY; ANY OTHER NAMED  
DEFENDANT; and DOES 1-100

Defendants

Case No.: 13md2452 AJB(MDD)

In Re: Incretin-Based Therapies  
Products Liability Litigation

**MDL NO. 2452**

**MASTER FORM COMPLAINT  
FOR DAMAGES**

Pertains To All Related Cases  
Consolidated in 12cv2549-AJB  
(MDD)

**JURY TRIAL DEMANDED**

COMES NOW Co-Lead Counsel Ryan L. Thompson, Hunter J. Shkolnik, and  
Tor A. Hoerman, by and on behalf of all Plaintiffs in MDL No. 2452 who bring

1 and/or adopt this Master Long Form Complaint, and complain and allege against  
2 Defendant(s), Does 1 through 100, and each of them, as follows:

3 GENERAL ALLEGATIONS

4 1. Plaintiff(s) herein, by and through Plaintiff's attorneys, brings this  
5 action for personal injuries and/or wrongful death suffered by the injured party (the  
6 "Injured Party," and collectively, the Injured Party and/or Plaintiff(s) are the  
7 "Plaintiff(s)"), as detailed more fully herein, suffered as a proximate result of the  
8 Injured Party's being prescribed and ingesting the defective and unreasonably  
9 dangerous prescription drug(s) Januvia, Janumet, Byetta, and/or Victoza (the  
10 "Drugs"), prescription medication(s) used to help lower blood sugar levels in adults  
11 with diabetes mellitus type 2, which at all times relevant hereto, were manufactured,  
12 designed, tested, packaged, labeled, marketed, advertised, distributed, and sold by  
13 the defendants identified herein (collectively, the "Defendants"). This Master Long  
14 Form Complaint sets forth questions of fact and law common to those claims  
15 subsumed within the context of this multidistrict proceeding.

16 2. This Master Complaint does not necessarily include all claims asserted  
17 in all of the transferred actions to this Court, nor is it intended to consolidate for any  
18 purpose the separate claims of the Plaintiffs herein. It is anticipated that individual  
19 plaintiffs may adopt this Master Complaint and the necessary causes of action  
20 herein through use of a separate short form complaint. Any separate facts and  
21 additional claims of individual plaintiffs are set forth in those actions filed by the  
22 respective plaintiffs. This Master Complaint does not constitute a waiver or  
23 dismissal of any actions or claims asserted in those individual actions, nor does any  
24 Plaintiff relinquish the right to move to amend their individual claims to seek any  
25 additional claims as discovery proceeds. As more particularly set forth herein, each  
26 Plaintiff maintains, among other things, that the Drugs are defective, dangerous to  
27 human health, marketed and sold in the United States, and lacked proper warnings  
28 of the dangers associated with use of the Drugs.

1           3.     The true names or capacities whether individual, corporate or  
2 otherwise, of the Doe Defendants 1 through 100, inclusive, are unknown to  
3 Plaintiff(s), who therefore sue said Defendant(s) by such fictitious names.  
4 Plaintiff(s) believe and allege that each Defendant designated herein by a fictitious  
5 name is in some manner legally responsible for the events and happenings herein  
6 referred to and caused damages proximately and foreseeably to Plaintiff(s) as  
7 alleged herein.

8           4.     At all times herein mentioned, the Defendants responsible for each of  
9 the Drugs, inclusive of the Doe Defendants, was the agent, servant, partner, aider  
10 and abettor, co-conspirator, and joint venturer of each of the remaining Defendants  
11 herein who are also related to that particular Drug, and were at all times operating  
12 and acting within the purpose and scope of said agency, service, employment,  
13 partnership, conspiracy, and joint venture and rendered substantial assistance and  
14 encouragement to the other Defendants, knowing that their conduct constituted a  
15 breach of duty.

16           5.     There exists, and at all times herein mentioned there existed, a unity of  
17 interest in ownership between certain Defendants and other certain Defendants such  
18 that any individuality and separateness between the certain Defendants has ceased  
19 and these Defendants are the alter ego of the other certain Defendant, and exerted  
20 control over those Defendants. Adherence to the fiction of the separate existence of  
21 these certain Defendants as any entity distinct from other certain Defendants will  
22 permit an abuse of the corporate privilege and would sanction fraud and would  
23 promote injustice.

24           6.     The injuries and damages to Plaintiff(s) were caused by the  
25 unreasonably dangerous condition of one or more of the Drugs and Defendants'  
26 wrongful acts and omissions.

27           7.     At all times herein mentioned, Defendants were each engaged in the  
28 business of, or were successors in interest to, entities engaged in the business of

1 research, designing, formulating, compounding, testing, manufacturing, producing,  
2 processing, assembling, inspecting, distributing, marketing, labeling, promoting,  
3 packaging and/or advertising for sale or selling the Drugs.

4 8. At all times herein mentioned, Defendants were each authorized to do  
5 or otherwise engaged in business within the state of California and did in fact  
6 supply the aforementioned products within the state of California and elsewhere,  
7 including the Plaintiff(s)' state of residence.

8 9. At all times herein mentioned, the officers and directors of Defendants  
9 authorized and directed the production and promotion of the Drugs when they  
10 knew, or with the exercise of reasonable care should have known, of the hazards  
11 and dangerous propensities of the Drugs, and thereby actively participated in the  
12 tortious conduct which resulted in the physical injuries and or wrongful death  
13 described herein.

#### 14 JURISDICTION AND VENUE

15 10. Jurisdiction is proper in this court pursuant to 28 USC §1332 for the  
16 reason that there is complete diversity of citizenship between Plaintiffs and  
17 Defendants and the matter in controversy greatly exceeds the sum of seventy-five  
18 thousand dollars (\$75,000.00), exclusive of interest and costs.

19 11. This Court has personal jurisdiction over the non-resident Defendants  
20 because they have done business in the state of California, have committed a tort in  
21 whole or in part in the state of California, and have continuing contacts with the  
22 State of California.

23 12. In addition, venue of this case is proper in the Southern District of  
24 California pursuant to 28 U.S.C. § 1391(b)(1) because all Defendants are residents  
25 of this state.

26 13. Venue is further proper in this Court pursuant to 28 U.S.C. § 1391  
27 because a substantial part of the events giving rise to each Plaintiff's claims  
28 occurred, in part, in the Southern District of California.

1           14. This Court has supplemental jurisdiction over the remaining common  
2 law and state claims pursuant to 28 U.S.C. § 1367.

3           15. Finally, venue of this case is proper in the Southern District of  
4 California pursuant to the Court's direct filing order entered in this MDL.

5                           PLAINTIFF/INJURED PARTY GENERALLY

6           16. The Injured Party was prescribed and used the Drugs as described and  
7 upon the direction of the Injured Party's physician for long-term maintenance of  
8 Type II diabetes, or as otherwise prescribed. Ultimately, the Injured Party suffered  
9 severe physical, economic, and emotional injuries as a result of said Drugs,  
10 including but not limited to the Injured Party being diagnosed with pancreatic  
11 cancer.

12           17. Plaintiff was unaware that the Drugs caused said injuries until recently.

13           18. As a direct result of the ingestion of the Drugs, the Injured Party was  
14 diagnosed with pancreatic cancer. Had the Injured Party or the Injured Party's  
15 physician been properly warned by Defendants regarding the risk of pancreatic  
16 cancer from usage of these prescription medications, the Injured Party's physician  
17 would have not prescribed the Drugs and the Injured Party would have not ingested  
18 these prescription medications.

19           19. As a direct result of being prescribed the Drugs for this period of time,  
20 the Injured Party was permanently and severely injured, having suffered serious  
21 consequences from the Injured Party's usage of the Drugs, including but not limited  
22 to, the development of pancreatic cancer.

23           20. Plaintiff, as a direct and proximate result of the Injured Party's use of  
24 the Drugs, suffered severe mental and/or physical pain and suffering, along with  
25 economic loss.

26           21. As a proximate result of the unreasonably dangerous condition of the  
27 Drugs and Defendants' acts and omissions, each Plaintiff suffered the injuries  
28 described herein due to the Injured Party's ingestion of the Drugs. Plaintiffs

1 accordingly seek damages associated with these injuries.

2 22. The Injured Party would not have used the Drugs had Defendants  
3 properly disclosed the risks associated with their use.

4 DEFENDANTS GENERALLY

5 23. MERCK SHARP & DOHME CORP. ("MERCK") is a New Jersey  
6 corporation, which has its principal place of business at 2000 Galloping Hill Rd.,  
7 Kenilworth, NJ 07033. Merck may be served at CT Corporation System, 818 W.  
8 Seventh St., Los Angeles, CA 90017. Merck has conducted business and derived  
9 substantial revenue from within the state of California.

10 24. NOVO NORDISK INC. ("Novo Nordisk") is a Delaware corporation,  
11 which has its principal place of business at 800 Scudders Mill Road, Plainsboro, NJ  
12 08536. Novo Nordisk may be served by and through its registered agent: CT  
13 Corporation System, 818 W. Seventh St., Los Angeles, CA 90017. Novo Nordisk  
14 has conducted business and derived substantial revenue from within the state of  
15 California.

16 25. AMYLIN PHARMACEUTICALS, LLC F/K/A AMYLIN  
17 PHARMACEUTICALS, INC. ("Amylin") is a Delaware limited liability company.  
18 The sole member of Amylin is BMS Holdco, Inc., a Delaware corporation with its  
19 principal place of business in New York. Amylin may be served by and through its  
20 registered agent: CT Corporation System, 818 W. Seventh St., Los Angeles,  
21 California 90017. Amylin has conducted business and derived substantial revenue  
22 from within the state of California.

23 26. ELI LILLY AND COMPANY ("LILLY") is an Indiana corporation  
24 with its principal place of business located at Lilly Corporate Center, Indianapolis,  
25 Indiana 46285. LILLY may be served by and through its registered agent: National  
26 Registered Agents, Inc., 2875 Michelle Drive, Suite 100, Irvine, California 92606.  
27 Lilly has conducted business and derived substantial revenue from within the state  
28 of California.

GENERAL FACTUAL ALLEGATIONS

27. This is an action for injuries and damages suffered by Plaintiff as a direct and proximate result of the Defendants' negligent and wrongful conduct in connection with the design, development, manufacture, testing, packaging, promoting, marketing, distribution, labeling, and/or sale of the Drugs.

28. Defendants, directly or through their agents, apparent agents, servants or employees designed, manufactured, marketed, advertised, distributed, promoted, labeled, tested, and sold the Drugs as prescriptions that, along with diet and exercise, are designed to help lower blood sugar levels in adults with type 2 diabetes.

29. According to the American Diabetes Association, "Type 2 diabetes is the most common form of diabetes. Millions of Americans have been diagnosed with type 2 diabetes... In type 2 diabetes, either the body does not produce enough insulin or the cells ignore the insulin. Insulin is necessary for the body to be able to use glucose for energy. When you eat food, the body breaks down all of the sugars and starches into glucose, which is the basic fuel for the cells in the body. Insulin takes the sugar from the blood into the cells. When glucose builds up in the blood instead of going into cells, it can lead to diabetes complications."<sup>1</sup>

30. Type 2 diabetes mellitus is a chronic disease, characterized by insulin resistance and deficient insulin secretion leading to high blood sugar levels or "hyperglycemia," which is the hallmark of the condition.

31. Diabetes remains the most frequent cause of blindness, amputations and dialysis worldwide.<sup>2</sup> With the current estimate of more than 350 million patients worldwide<sup>3</sup> it is considered to be one of the major health challenges of the twenty-first century.

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<sup>1</sup> <http://www.diabetes.org/diabetes-basics/type-2/?loc=DropDownDB-type2>

<sup>2</sup> *Id.*

<sup>3</sup> IDF Diabetes atlas, <http://www.idf.org/diabetesatlas/5e/diabetes>.



1           32. Januvia, Janumet, Byetta, and Victoza are supposed to help prevent  
2 these diabetic complications.

3           33. The two most recently approved classes of therapeutic agents for the  
4 treatment of type 2 diabetes, glucagon-like peptide-1 (GLP-1) receptor agonists  
5 (such as Byetta and Victoza) and dipeptidyl peptidase-4 (DPP-4) inhibitors (such as  
6 Janumet and Januvia), exert their actions through potentiation of incretin receptor  
7 signaling. Incretins are gut-derived hormones, principally GLP-1 and glucose-  
8 dependent insulintropic peptide (GIP), that are secreted at low basal levels in the  
9 fasting state.

10           34. Januvia was approved by the Food and Drug Administration (“FDA”) on October 16, 2006 “as an adjunct to diet and exercise to improve glycemic control in patients with type 2 diabetes mellitus as monotherapy and in combination with metformin or a PPAR $\gamma$  agonist (e.g., thiazolidinediones) when diet and exercise plus the single agent do not provide adequate glycemic control.”<sup>4</sup>

15           35. Following FDA approval, Defendants launched Januvia in North  
16 America in 2006.

17           36. Janumet was approved by the FDA on March 30, 2007 “as an adjunct  
18 to diet and exercise to improve glycemic control in adult patients with type 2  
19 diabetes mellitus who are not adequately controlled on metformin or sitagliptin  
20 alone or in patients already being treated with the combination of sitagliptin and  
21 metformin.”<sup>5</sup>

22           37. Following FDA approval, Defendants launched Janumet in North  
23 America in 2007. Janumet is the successor of Januvia, which was the first in a new  
24 class of drugs that inhibit the proteolytic activity of DPP-4, thereby potentiating the  
25 action of endogenous glucoregulatory peptides, known as incretins.<sup>6</sup>

26 <sup>4</sup> [http://www.accessdata.fda.gov/Drugatfda\\_docs/appletter/2006/021995s000ltr.pdf](http://www.accessdata.fda.gov/Drugatfda_docs/appletter/2006/021995s000ltr.pdf)

27 <sup>5</sup> [http://www.accessdata.fda.gov/drugsatfda\\_docs/appletter/2007/022044s000ltr](http://www.accessdata.fda.gov/drugsatfda_docs/appletter/2007/022044s000ltr)

28 <sup>6</sup> Drucker D, Easley Continuing, Kirkpatrick P. Sitagliptin. Nature Reviews Drug Discovery. Feb. 2007. 6:109-10.



1           38. Byetta was approved by the FDA in April of 2005 and was marketed to  
2 the medical community and general public shortly thereafter. Byetta is a member of  
3 the new class of drugs known as GLP-1 receptor agonists.

4           39. Victoza is manufactured by Novo Nordisk of Bagsvaerd, Denmark and  
5 was approved by the FDA on January 25, 2010. Novo Nordisk, Inc. is responsible  
6 in all respects for Victoza in the United States. Victoza is also a member of the new  
7 class of drug known as GLP-1 receptor agonists.

8           40. Victoza was approved with several post-marketing requirements under  
9 the Food and Drug Administration Amendments Act (FDAAA) to ensure that the  
10 company will conduct studies to provide additional information on the safety of this  
11 product.

12           41. Victoza was approved with a Risk Evaluation and Mitigation Strategy  
13 consisting of a Medication Guide and a Communication Plan. The FDA  
14 acknowledged the need for these post-marketing requirements after five clinical  
15 trials involving more than 3,900 people found that pancreatitis occurred more often  
16 in patients who took Victoza than in patients taking other diabetes medicines.  
17 Pancreatitis also emerged as a side effect of therapy with another GLP-1 receptor  
18 agonist, initially reported as case reports and subsequently confirmed by numerous  
19 reports made through the FDA adverse reporting mechanism.

20           42. In February 2010, concerns were published regarding the GLP-1 drugs,  
21 including Victoza and Byetta, and the DDP-4 inhibitors, including Januvia and  
22 Janumet, and their potential link with pancreatic cancer.

23           43. Writing in DIABETES CARE, Butler *et al.* published *GLP-1–Based*  
24 *Therapy for Diabetes: What You Do Not Know Can Hurt You*<sup>7</sup> wherein they wrote,  
25 “History has taught us that enthusiasm for new classes of drugs, heavily promoted  
26 by the pharmaceutical companies that market them, can obscure the caution that

27 <sup>7</sup> Butler PC, Dry D, Elashoff D. GLP-1–Based Therapy for Diabetes: What You Do Not Know  
28 Can Hurt You Diabetes Care February 2010 33:453-455.

1 should be exercised when the long-term consequences are unknown. Of perhaps  
2 greatest concern in the case of the GLP-1–based drugs, including GLP-1 agonists  
3 and dipeptidyl peptidase-4 (DPP-4) inhibitors, is preliminary evidence to suggest  
4 the potential risks of asymptomatic chronic pancreatitis and, with time, pancreatic  
5 cancer.”

6 44. In addition, these researchers wrote, “However, in the context of a new  
7 class of medical therapy, the proverb ‘What you do not know cannot hurt you’  
8 clearly does not apply. We feel that enough preliminary evidence has accumulated  
9 to suggest that there is a plausible risk that long-term recipients of GLP-1–based  
10 therapy may develop asymptomatic chronic pancreatitis..., and worse, subsequently  
11 a minority of individuals treated by this class of drug may develop pancreatic  
12 cancer.”

13 45. In February 2011, the journal *Gastroenterology* published on-line the  
14 work of Elashoff *et al.*<sup>8</sup> titled, *Pancreatitis, pancreatic, and thyroid cancer with*  
15 *glucagon-like peptide-1-based therapies*.

16 46. These researchers used the FDA Adverse Event Reporting System  
17 (AERS) to assess the association between treatment with Victoza and Januvia and  
18 an adverse event report of pancreatitis, where the drugs were listed as the primary  
19 suspect associated with a pancreatitis report in the database. A secondary goal was  
20 to examine the FDA AERS database for reported pancreatic or thyroid cancer  
21 associated with use of Victoza and Januvia, with various other anti-diabetic drugs  
22 used as controls. Metformin was not used as a control drug because it has been  
23 reported to decrease the risk of pancreatic cancer.

24 47. These researchers reported that pancreatitis, inflammation of the  
25 pancreas, was >10-fold more frequently reported as an adverse event for patients

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26 <sup>8</sup> Elashoff M, Matveyenko AV, Gier B, Elashoff R & Butler PC Pancreatitis, pancreatic, and  
27 thyroid cancer with glucagon-like peptide-1-based therapies. *Gastroenterology* (2011) 141:150-  
28 156.

1 administered GLP-1 class of drugs (which includes Victoza and Byetta) and >6-fold  
 2 more frequently reported in patients prescribed Januvia (and other DPP-4 inhibitors,  
 3 which includes Janumet). Both these associations were statistically significant.

4 48. Because pancreatitis is a known risk factor for pancreatic cancer,<sup>9</sup>  
 5 Elashoff *et al.* evaluated the reported rates of pancreatic cancer with Januvia (and  
 6 similar drugs) compared to control events relative to Avandia (rosiglitazone).

7 49. The reported event rate for pancreatic cancer was 2.9-fold greater in  
 8 patients treated with Byetta (and similar drugs in the GLP-1 class, like Victoza)  
 9 compared to other therapies. The reported event rate for pancreatic cancer was 2.7-  
 10 fold greater with Januvia (and similar DPP-4 drugs, like Janumet) than other  
 11 therapies.

12 50. Because pancreatitis acts as a risk factor for subsequent pancreatic  
 13 cancer through the mechanisms of chronic inflammation and increased cell  
 14 turnover,<sup>10</sup> it is foreseeable that there is a progressive increased risk of pancreatic  
 15 cancer with prolonged exposure to the Drugs.

16 51. These researchers noted that the potential to increase the risk of cancer  
 17 might be expected to occur by “permitting declaration of tumors previously held in  
 18 check by an intact immune system” as has been published by others within the  
 19 world’s medical literature.

20 52. On May 13, 2011, the Arzneimittelkommission der deutschen  
 21 Ärzteschaft (Drug Commission of the German Medical Association - AkdÄ)  
 22 published *Pancreatic cancers associated with exenatide (Byetta ®)* on its website.<sup>11</sup>

23 53. In the German adverse event database, reporting of pancreatic cancer  
 24 was also unusually high in association with Byetta (11 cases in 4 years, with yearly

25 <sup>9</sup> Rebours V, Boutron-Ruault MC, Schnee M, et al. The natural history of hereditary pancreatitis:  
 a national series. *Gut* 2009;58: 97–103.

26 <sup>10</sup> Bhanot UK, Moller P. Mechanisms of parenchymal injury and signaling pathways in ectatic  
 27 ducts of chronic pancreatitis: implications for pancreatic carcinogenesis. *Lab Invest* 2009;89:489–  
 497.

28 <sup>11</sup><http://www.akdae.de/Arzneimittelsicherheit/Bekanntgaben/Archiv/2011/20110513.html>

15,000-25,000 treated patients).<sup>12</sup>

54. The period between the start of treatment with Byetta and a diagnosis of pancreatic cancer was on average 12.2 months (within a range of 2-33 months).

55. Some of the manufacturers of the Drugs have suggested that the most likely reason for the apparent association between the use of these Drugs and acute pancreatitis is the increased risk of pancreatitis in patients with type 2 diabetes.<sup>13</sup>

56. However, animal studies showing pancreatitis as a consequence of GLP-1 mimetic therapy (and other incretin-based therapies) challenge that assumption and lead to the conclusion that asymptomatic chronic pancreatitis is an adverse effect of GLP-1-based treatment, which is further confirmed by specific studies as applied to sitagliptin (active ingredient in Janumet and Januvia)<sup>14</sup> and Exenatide (Byetta).<sup>15</sup>

57. GLP-1 receptors are abundantly expressed in the pancreas, and sitagliptin therapy has been shown to lead to increased pancreatic ductal replication, acinar to ductal metaplasia or cellular change, and also, acute pancreatitis in a rat model of type 2 diabetes.<sup>16</sup>

58. Increased ductal turnover and acinar to ductal metaplasia are both well-established characteristics of chronic pancreatitis in humans.<sup>17</sup>

<sup>12</sup> Arzneimittelkommission der deutschen Ärzteschaft. Aus der UAW-Datenbank: Pankreaskarzinome im Zusammenhang mit Exenatid (Byetta®). Dtsch Arztebl, (2011) 108: A-1080; (as cited by Vangoitsenhoven R, Mathieu C, Van Der Schueren B. GLP1 and cancer: friend or foe? Endocrine Related Cancer. 2012 Jun 12. [Epub ahead of print])

<sup>13</sup> Monami M, Lamanna C, Marchionni N, Mannucci E. Rosiglitazone and risk of cancer: a meta-analysis of randomized clinical trials. Diabetes Care 2008;31:1455–1460.

<sup>14</sup> Matveyenko AV, Dry S, Cox HI, et al. Beneficial endocrine but adverse exocrine effects of sitagliptin in the HIP rat model of type 2 diabetes, interactions with metformin. Diabetes 2009;58: 1604–1615.

<sup>15</sup> Nachnani JS, Bulchandani DG, Nookala A, et al. Biochemical and histological effects of exendin-4 (exenatide) on the rat pancreas. Diabetologia 2009;58:1604–1615.

<sup>16</sup> Matveyenko AV, Dry S, Cox HI, et al. Beneficial endocrine but adverse exocrine effects of sitagliptin in the HIP rat model of type 2 diabetes, interactions with metformin. Diabetes 2009;58: 1604–1615.

<sup>17</sup> Bhanot UK, Moller P. Mechanisms of parenchymal injury and signaling pathways in ectatic ducts of chronic pancreatitis: implications for pancreatic carcinogenesis. Lab Invest 2009;89:489–

*Footnote continued on next page*

59. It has also been suggested that the immunomodulatory effects of DPP-4 inhibition might increase risk for all cancers.<sup>18,19</sup>

60. Butler *et al.*<sup>20</sup> also reported that human and rodent pancreases contain numerous GLP-1 receptors in areas in which cancer is thought to originate, and mice that are genetically predisposed to pancreatic cancer develop the disease more quickly than usual in response to Byetta.

61. In April 2012, Public Citizen, a non-profit consumer-advocacy organization based in Washington DC, sent a petition to the FDA to withdraw Victoza (liraglutide), a drug in the GLP-1 class, from the market.

62. Dr. Sidney Wolfe, director of the health and research group at Public Citizen, said at that time, “We don’t just go after drugs casually...(W)e only go after drugs when there is clear evidence of unique dangers or risks, and when there is no evidence of a unique clinical advantage.”

63. Dr. Wolfe said at the time that his concern extends to other diabetes drugs that alter the GLP-1 pathway, which would include Januvia, Janumet and Victoza. The petition to withdraw Victoza was based on information pulled from the FDA’s adverse-event reporting database. Public Citizen counted 28 cases of pancreatic cancer reported between February 2010 and September 2011 among patients on Victoza, compared with just one case in a patient taking a diabetes drug that does not manipulate the GLP-1 pathway.

64. In February 2013, the results of the first case-controlled

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*Footnote continued from previous page*

497.

<sup>18</sup> Havre PA, Abe M, Urasaki Y, et al. The role of CD26/dipeptidyl peptidase IV in cancer. *Front Biosci* 2008;13:1634–1645.

<sup>19</sup> Matteucci E, Giampietro O. Dipeptidyl peptidase-4 (CD26): knowing the function before inhibiting the enzyme. *Curr Med Chem* 2009;16:2943–2951.

<sup>20</sup> Gier B, Matveyenko AV, Kirakossian D, et al. Chronic GLP-1 Receptor Activation by Exendin-4 Induces Expansion of Pancreatic Duct Glands in Rats and Accelerates Formation of Dysplastic Lesions and Chronic Pancreatitis in the KrasG12D Mouse Model. *Diabetes* May 2012 vol. 61 no. 5 1250-1262

1 epidemiological study looking at the Drugs and their effects upon the pancreas were  
 2 published by Singh et. al. out of the Johns Hopkins School of Medicine and School  
 3 of Public Health.<sup>21</sup>

4 65. Singh et al used administrative claims data from the BlueCross Blue  
 5 Shield Association plans of Tennessee, Hawaii, Michigan, and North Carolina;  
 6 Highmark, Inc. and Independence Blue Cross of Pennsylvania; and Wellmark, Inc.  
 7 of Iowa and South Dakota. They evaluated 1,269 hospitalized cases with acute  
 8 pancreatitis using a validated algorithm and 1,269 control subjects matched for age  
 9 category, sex, enrollment pattern, and diabetes complications. The strengths of this  
 10 study include the large size of the sample, the ability to adjust for confounders, and  
 11 the independence of the authors from the companies marketing the Drugs.

12 66. After adjusting for available confounders and metformin hydrochloride  
 13 use, current use of GLP-1-based therapies within 30 days demonstrated the  
 14 existence of a statistically significant adjusted Odds Ratio (OR) of 2.24 in relation  
 15 to the development of acute pancreatitis. For those patients who had used the GLP-  
 16 1-based therapies in the recent past 30 days, and less than 2 years, the statistically  
 17 significant OR was 2.01 for the development of acute pancreatitis as compared to  
 18 the odds of 'nonusers' of these drugs. 'Any use' was also associated with statistically  
 19 significantly higher odds of acute pancreatitis with a statistically significant  
 20 adjusted OR of 2.07. Significantly, the Confidence Intervals for each of these  
 21 findings were "tight" attesting to the robust nature of their findings.

22 67. The results from the case-controlled epidemiological study "...support  
 23 findings from the previously mechanistic studies and spontaneous reports submitted  
 24 to the US Food and Drug Association that such an association may be causal."<sup>22</sup>  
 25 The import of this language - "...such an association may be causal" - by these

26 <sup>21</sup> Singh S et al. Glucagonlike Peptide 1-Based Therapies and Risk of Hospitalization for Acute  
 27 Pancreatitis in Type 2 Diabetes Mellitus. JAMA Intern Med. 2013 Feb 25:1-6. [Epub ahead of  
 28 print].

<sup>22</sup> *Id.*



1 epidemiologists and physicians as peer-reviewed and published in the *Journal of the*  
 2 *American Medical Association - Internal Medicine*, one of the finest medical  
 3 journals in the world, cannot be understated.

4 68. It is easy to appreciate the increased risk of pancreatitis associated with  
 5 the Drugs is of critical importance. Antecedent pancreatitis is the most common risk  
 6 factor for subsequent pancreatic cancer. Analysis of the FDA adverse event  
 7 reporting system, discussed *supra*, already showed a signal for pancreatic cancer  
 8 with exenatide and sitagliptin by 2009, and likely, much earlier.

9 69. Pancreatic cancer develops after progressive accumulation of somatic  
 10 mutations leads to the formation of pancreatic intraepithelial neoplasia (PanIN) of  
 11 increasing grade that, in a subset of individuals, transforms to malignant  
 12 neoplasms.<sup>23</sup>

13 70. The PanIN lesions are relatively common in middle-aged adults and  
 14 express the GLP-1 receptor. Glucagon-like peptide 1 induces growth of lesions  
 15 similar to intraductal papillary mucinous neoplasia in rats and accelerates dysplasia  
 16 of PanIN lesions and pancreatitis in mice prone to pancreatic cancer.<sup>24</sup>

17 71. Therefore, in those individuals with preexisting PanIN lesions or  
 18 intraductal papillary mucinous neoplasia, GLP-1–based therapy promotes growth of  
 19 these lesions, causing partial ductal obstruction and pancreatitis in some  
 20 individuals. Of even greater concern, GLP-1–based therapy can accelerate the  
 21 progression and transformation of premalignant PanIN lesions, much like the effect  
 22 of estrogen therapy in women with estrogen receptor–expressing breast neoplasia.  
 23 In other words, the incretin-based therapies are to pancreatic premalignant cells as

24 <sup>23</sup> Gier B, Butler PC. Glucagonlike Peptide 1-Based Drugs and Pancreatitis: Clarity at Last, but  
 25 What About Pancreatic Cancer?: Comment on "Glucagonlike Peptide 1-Based Therapies and  
 26 Risk of Hospitalization for Acute Pancreatitis in Type 2 Diabetes Mellitus". JAMA Intern Med.  
 2013 Mar 5;1-3. doi: 10.1001/jamainternmed.2013.3374. [Epub ahead of print]

27 <sup>24</sup> Gier B, Matveyenko AV, Kirakossian D, Dawson D, Dry SM, Butler PC. Chronic GLP-1  
 28 receptor activation by exendin-4 induces expansion of pancreatic duct glands in rats and  
 accelerates formation of dysplastic lesions and chronic pancreatitis in the KrasG12D mouse  
 model. *Diabetes*. 2012;61(5): 1250-1262.



1 wheat is to the prairie fire.

2 72. On March 22 2013, in an on-line publication within the journal  
3 *Diabetes*, Butler et al published the results of their examinations of the pancreata  
4 obtained from age-matched brain dead organ donors with and without diabetes  
5 treated by incretin-based therapies (> 1 yr) or other therapy and non diabetic  
6 controls.<sup>25</sup>

7 73. These researchers observed that pancreatic mass was increased  
8 approximately 40 percent in diabetes patients treated with incretin-based therapies  
9 compared to that in individuals with diabetes not treated with such agents, and that  
10 the increase was statistically significant. They also observed that the pancreatic  
11 fractional insulin area, that area occupied by each cell type, was approximately 60  
12 percent reduced in diabetics patients not treated with incretin-based therapies  
13 compared to non-diabetic controls, again, a statistically significant result. In  
14 contrast, they observed that the pancreatic fractional insulin area was approximately  
15 5-fold increased in diabetic patients treated with incretin-based therapies when  
16 compared to individuals not treated with incretin-based therapies, also statistically  
17 significant.

18 74. Furthermore, actual beta ( $\beta$ ) cell mass was increased 6-fold in incretin-  
19 based therapies treated diabetics and the  $\beta$  cell mass was 3-fold greater in  
20 individuals with diabetes treated with incretin-based therapies in comparison to non  
21 diabetic controls, both observations also being statistically significant. These  
22 researchers noted that the increased pancreatic mass in diabetics induced by  
23 incretin-based therapies was accompanied by increased whole pancreas cell and an  
24 increase in the presence of pancreatic intraepithelial neoplasia (PanINs), both  
25 observations being statistically significant.

26 <sup>25</sup> Butler AE, Campbell-Thompson M, Gurlo T, Dawson DW, Atkinson M, Butler PC. Marked  
27 Expansion of Exocrine and Endocrine Pancreas with Incretin Therapy in Humans with increased  
28 Exocrine Pancreas Dysplasia and the potential for Glucagon-producing Neuroendocrine Tumors.  
*Diabetes*. 2013 Mar 22. [Epub ahead of print]

75. The observation by Butler et al that the pancreatic mass of the individuals with diabetes treated with incretin-based therapies was increased by 40 percent in comparison to diabetics not treated with incretin-based therapies is consistent with the prior rodent studies that revealed proliferative actions of GLP-1 on the exocrine pancreas – extending the animal studies to human studies.<sup>26, 27</sup>

76. Of further concern is the marked alpha ( $\alpha$ ) cell hyperplasia, glucagon expressing microadenomas and glucagon expressing neuroendocrine tumors noted by Butler et al in individuals with diabetes treated with incretin-based therapies. These findings reproduce the  $\alpha$  cell hyperplasia, abnormal  $\alpha$  cell distribution, and predisposition to glucagon expressing neuroendocrine tumors previously reported in the literature.<sup>28, 29, 30</sup>

77. As a result of the defective nature of the Drugs, persons who were prescribed and ingested the Drugs, for even a brief period of time, including Plaintiffs, were at increased risk for developing life-threatening pancreatic cancer. Once that cancer spreads, a patient stands just a 1.8% chance of surviving for longer than five years.

78. “At present, the GLP-1 class of drugs is heavily promoted (and

<sup>26</sup> Matveyenko AV, Dry S, Cox HI, Moshtaghian A, Gurlo T, Galasso R, Butler AE, Butler PC: Beneficial endocrine but adverse exocrine effects of sitagliptin in the human islet amyloid polypeptide transgenic rat model of type 2 diabetes: interactions with metformin. *Diabetes* 2009;58:1604-1615

<sup>27</sup> Gier B, Matveyenko AV, Kirakossian D, Dawson D, Dry SM, Butler PC: Chronic GLP-1 receptor activation by exendin-4 induces expansion of pancreatic duct glands in rats and accelerates formation of dysplastic lesions and chronic pancreatitis in the Kras(G12D) mouse model. *Diabetes* 2012;61:1250-1262

<sup>28</sup> Gelling RW, Du XQ, Dichmann DS, Romer J, Huang H, Cui L, Obici S, Tang B, Holst JJ, Fledelius C, Johansen PB, Rossetti L, Jelicks LA, Serup P, Nishimura E, Charron MJ: Lower blood glucose, hyperglucagonemia, and pancreatic alpha cell hyperplasia in glucagon receptor knockout mice. *Proc Natl Acad Sci U S A* 2003;100:1438-1443

<sup>29</sup> Yu R, Dhall D, Nissen NN, Zhou C, Ren SG: Pancreatic neuroendocrine tumors in glucagon receptor-deficient mice. *PLoS One* 2011;6:e23397

<sup>30</sup> Zhou C, Dhall D, Nissen NN, Chen CR, Yu R: Homozygous P86S mutation of the human glucagon receptor is associated with hyperglucagonemia, alpha cell hyperplasia, and islet cell tumor. *Pancreas* 2009;38:941-946

prescribed) as having purported advantages that outweigh its risks.”<sup>31</sup> Singh et al, *supra*, show that, “...despite large numbers of underpowered studies claiming the contrary from marketing companies, little is yet known about long-term adverse effects of the GLP-1 class of drugs on the exocrine pancreas.”<sup>32</sup> A striking finding in the studies by Butler et al<sup>33</sup> is the marked expansion of the exocrine and endocrine compartments of the pancreas with incretin-based therapies. The findings of an increased pancreatic mass, increased PanIN lesions, and endocrine proliferations by Butler et al in response to GLP-1 mimetic therapy adds significantly to concerns already shown regarding the adverse actions of GLP-1 mimetic therapy to induce pancreatitis and accelerate pancreatic dysplasia.<sup>34</sup> Prior reports concerning pancreas changes with incretin-based therapy were generally confined to studies of rodent pancreas, but have since been unquestionably extended by Butler et al to humans with the added concern of developing neuroendocrine tumors. These findings demonstrate the effects of long term GLP-1 related therapy with respect to both unintended proliferative actions on the exocrine pancreas and an increased risk of neuroendocrine tumors.

79. Due to the flawed formulation of the Drugs, the Drugs increase the risk of pancreatic cancer in those diabetic patients to whom they are prescribed.

80. Defendants concealed their knowledge that the Drugs can cause, promote, or otherwise accelerate life threatening pancreatic cancer from Plaintiff, other consumers, the general public, and the medical community. Indeed, the

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<sup>31</sup> Gier B, Matveyenko AV, Kirakossian D, Dawson D, Dry SM, Butler PC. Chronic GLP-1 receptor activation by exendin-4 induces expansion of pancreatic duct glands in rats and accelerates formation of dysplastic lesions and chronic pancreatitis in the KrasG12D mouse model. *Diabetes*. 2012;61(5): 1250-1262.

<sup>32</sup> ID

<sup>33</sup> Butler AE, Campbell-Thompson M, Gurlo T, Dawson DW, Atkinson M, Butler PC. Marked Expansion of Exocrine and Endocrine Pancreas with Incretin Therapy in Humans with increased Exocrine Pancreas Dysplasia and the potential for Glucagon-producing Neuroendocrine Tumors. *Diabetes*. 2013 Mar 22. [Epub ahead of print]

<sup>34</sup> Elashoff M, Matveyenko AV, Gier B, Elashoff R, Butler PC: Pancreatitis, pancreatic, and thyroid cancer with glucagon-like peptide-1-based therapies. *Gastroenterology* 2011;141:150-156

1 manufacturers of the Drugs do not even mention ‘pancreatic cancer’ in their drugs’  
2 respective product inserts.

3 81. Specifically, the Defendants did not adequately inform consumers and  
4 the prescribing medical community about the risks of pancreatic cancer associated  
5 with the Drugs’ usage, nor did Defendants warn or otherwise advise physicians to  
6 institute monitoring procedures looking for the first signs of changes within the  
7 pancreas.

8 82. The current warnings for the Drugs are simply inadequate. The  
9 Defendants have failed and continue to fail in their duties to warn and protect the  
10 consuming public, including the Plaintiff herein.

11 83. Even if the warnings were sufficient, which Plaintiff strongly denies,  
12 the Drugs still lack any benefit sufficient to tolerate the extreme risk posed by the  
13 ingestion of these drugs. Other drugs to treat diabetes are available. The Drugs are  
14 quite simply too dangerous and defective as formulated. The Defendants should  
15 withdraw the Drugs from the market.

16 84. Defendants willfully, wantonly, and with malice withheld the  
17 knowledge of increased risk of pancreatic cancer in users of the Drugs to prevent  
18 any chances of their product’s registration being delayed or rejected by FDA.

19 85. As the manufacturers and distributors of the Drugs, Defendants knew  
20 or should have known that the Drugs’ usage were associated with pancreatic cancer.

21 86. With the knowledge of the true relationship between use of the Drugs  
22 and pancreatic cancer, rather than taking steps to pull the Drugs off the market or  
23 provide strong warnings, Defendants promoted and continue to promote the Drugs  
24 as safe and effective treatments for adults with type 2 diabetes.

25 87. Victoza’s global sales reached \$1.044 billion during 2011 and the first  
26 two sales quarters of 2012 have already reached \$748 million.<sup>35</sup>

27 <sup>35</sup>[http://webmedia.novonordisk.com/nncom/images/investors/investor\\_presentations/2012/Interim](http://webmedia.novonordisk.com/nncom/images/investors/investor_presentations/2012/Interim_report/PR120809_H1_UK.pdf)  
28 [\\_report/PR120809\\_H1\\_UK.pdf](http://webmedia.novonordisk.com/nncom/images/investors/investor_presentations/2012/Interim_report/PR120809_H1_UK.pdf) (Victoza 2011 sales amount converted from 804 million Euros to

*Footnote continued on next page*

1           88. Januvia is also one of the top selling drugs in the country, and further,  
2 Januvia is one of the Merck Defendant's best sellers with \$1.977 billion in sales the  
3 first two quarter's of 2012 alone.<sup>36</sup>

4           89. Janumet and Byetta have likewise been highly successful drugs,  
5 making hundreds of millions, if not billions, of dollars for the Defendants.

6           90. While Defendants have enjoyed great financial success from their  
7 blockbuster drugs, they continue to place American citizens at risk of developing  
8 deadly pancreatic cancer.

9           91. Consumers, including Plaintiff, who have used the Drugs for treatment  
10 of their type 2 diabetes or otherwise had several alternative safer products available  
11 to treat their condition and have not been adequately warned about the significant  
12 risks and lack of benefits associated with the Drugs' therapy.

13           92. Defendants, through their affirmative misrepresentations and  
14 omissions, actively concealed from Plaintiff and Plaintiff's physicians the true and  
15 significant risks associated with the Drugs use.

16           93. As a result of Defendants' actions, Plaintiff and Plaintiff's physicians  
17 were unaware, and could not have reasonably known or have learned through  
18 reasonable diligence that Plaintiff would be exposed to the risks identified in this  
19 Complaint. The increased risks and subsequent medical damages associated with  
20 Plaintiff's use of the Drugs were the direct and proximate result of Defendants'  
21 conduct.

22           94. At all times relevant hereto, the Defendants have directly marketed and  
23 distributed the Drugs to the medical community.

24           95. At all times relevant hereto, the Defendants have directly marketed the

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25 *Footnote continued from previous page*

26 1,044 million US dollars and 2012 quarters converted 576 Euros to 748 US dollars using Google  
27 Currency Converter accessed October 25, 2012)

28 <sup>36</sup> <http://www.merck.com/investors/financials/sec-filings/home.html> (Merck & Co., Inc.  
Form10Q filed 08/07/2012).

1 Drugs to the consuming public throughout the United States, including Plaintiffs.

2 96. Defendants departed from and failed to meet requirements of laws,  
3 regulations and class and product specific requirements including failing to  
4 undertake adequate post approval marketing studies on safety of the Drugs as  
5 dictated by good pharmaceutical science standards.

6 97. Defendants both over-promoted the Drugs and under-warned about  
7 their risks, including:

- 8 a. in print advertising;
- 9 b. on their websites and blogs;
- 10 c. advertised to users that use of the Drugs was "safe" whereas it was  
11 not and Defendants knew or should have know it was not; and
- 12 d. promoted the Drugs to doctors, clinics and users as safer than (or as  
13 safe as) other diabetes drugs.

14 98. Defendants did not perform adequate safety testing on the Drugs as  
15 required by good pharmaceutical science practice.

16 99. Defendants failed to provide proper and full information as to the safety  
17 of the Drugs.

18 100. Defendants failed to ensure that full and correct safety labeling and  
19 warnings were used in pharmacy sheets that accompanied the Drugs to the  
20 purchaser.

21 101. Defendants have never sought to enlarge their warnings to include a  
22 warning about pancreatic cancer risks associated with the use of the Drugs.

23 102. Instead, Defendants marketed (and continue to market) the Drugs as  
24 having a low risk of side effects and continue to minimize the Drugs' deadly side  
25 effects.

26 103. Manufacturers such as the Defendants, herein, are required to have  
27 systems in place to collect and analyze any complaints they receive from doctors  
28 and hospitals about their products.

1           104. Defendants did not timely apprise the FDA, the public, nor treating  
2 physicians of the defect(s) in Defendants' Drugs, despite Defendants' knowledge  
3 that injuries had occurred and had been reported to Defendants due to the above-  
4 described defects.

5           105. At all times mentioned herein, Defendants knew, or in the exercise of  
6 reasonable care should have known, that the Drugs were of such a nature that they  
7 were not properly designed, manufactured, tested, inspected, packaged, labeled,  
8 distributed, marketed, examined, sold, supplied, prepared, and/or provided with  
9 proper warnings, were not suitable for the purpose they were intended and were  
10 unreasonably likely to injure the products' users.

11           106. Plaintiff and Plaintiff's prescribing health care providers were unaware  
12 of the true degree and incidence of pancreatic cancer associated with the use of the  
13 Drugs and would have used and prescribed other methods for diabetes control if  
14 they had been so informed.

15           107. Plaintiff suffered from severe and personal injuries, which were  
16 permanent and lasting in nature, physical pain, and mental anguish, including  
17 diminished enjoyment of life, as well as the need for medical treatment, monitoring  
18 and/or medications.

19           108. As a direct and proximate result of the aforesaid conduct of Defendants  
20 and each of them as set forth hereinafter, Plaintiff suffered injuries, including but  
21 not limited to pancreatic cancer, which resulted in damages to Plaintiff in a sum in  
22 excess of the jurisdictional limits of the Court.

23           109. As a direct and proximate result of the aforesaid conduct of the  
24 Defendants, and each of them, Plaintiff was compelled to incur obligations for  
25 physicians, surgeons, nurses, hospital care, medicine, hospices, x-rays, medical  
26 supplies, and other medical treatment, the true and exact amount thereof being  
27 unknown to Plaintiff at this time, and Plaintiff prays leave to amend this Complaint  
28 accordingly when the true and exact cost thereof is ascertained.



1           110. As a further direct and proximate result of the said conduct of the  
2 Defendants, and each of them, Plaintiff suffered a loss of income, wages, profits  
3 and commissions, a diminishment of earning potential, and other pecuniary losses,  
4 the full nature and extent of which are not yet known to Plaintiff; and leave is  
5 requested to amend this complaint to conform to proof at the time of trial.

6           111. By reasons of the premises, Plaintiff has been caused great pain and  
7 suffering.

8                           ACTIONS FOR SURVIVAL AND WRONGFUL DEATH

9           112. If applicable, in the event the Injured Party named herein is deceased,  
10 Plaintiffs bring this action as a survival action, as the successor(s) in interest of  
11 Decedent, pursuant to California Code of Civil Procedure § 377.30, and as a  
12 wrongful death action, pursuant to California Code of Civil Procedure § 377.60,  
13 and/or other applicable state law.

14                                   CAUSES OF ACTION

15   COUNT I

16   STRICT LIABILITY-FAILURE TO WARN

17           113. Plaintiff hereby incorporates by reference all preceding paragraphs as  
18 if fully set forth herein.

19           114. Defendants are liable under the theory of strict products liability.  
20 Defendants were at all times relevant to this suit, and are now, engaged in the  
21 business of designing, manufacturing, testing, marketing, and placing into the  
22 stream of commerce pharmaceuticals for sale to, and use by, members of the public,  
23 including the Victoza, Byetta, Janumet, and/or Januvia at issue in this lawsuit. The  
24 Drugs manufactured by Defendants reached Plaintiff without substantial changes  
25 and were ingested as directed. The Drugs were defective and unreasonably  
26 dangerous when they entered into the stream of commerce and when used by  
27 Plaintiff.

28           115. The Plaintiff was administered the Drugs for their intended purposes.

1           116. The Plaintiff could not have discovered any defect in the Drugs  
2 through the exercise of care.

3           117. Defendants, as manufacturers of pharmaceutical drugs, are held to the  
4 level of knowledge of an expert in the field, and further, Defendants knew or should  
5 have known that warnings and other clinically relevant information and data which  
6 they distributed regarding the risks of injuries and death associated with the use of  
7 the Drugs were incomplete and inadequate.

8           118. Plaintiff did not have the same knowledge as Defendants and no  
9 adequate warning or other clinically relevant information and data was  
10 communicated to Plaintiff or to Plaintiff's treating physicians. The warnings that  
11 were given by the Defendants were not accurate, clear, and/or were ambiguous or  
12 incomplete.

13           119. Defendants had a continuing duty to provide consumers, including  
14 Plaintiff, and Plaintiff's physicians with warnings and other clinically relevant  
15 information and data regarding the risks and dangers associated with the Drugs, as  
16 it became or could have become available to Defendants.

17           120. Defendants marketed, promoted, distributed and sold unreasonably  
18 dangerous and defective prescription drugs, Victoza, Byetta, Janumet, and/or  
19 Januvia, to health care providers empowered to prescribe and dispense the Drugs to  
20 consumers, including Plaintiff, without adequate warnings and other clinically  
21 relevant information and data. Through both omission and affirmative  
22 misstatements, Defendants misled the medical community about the risk and  
23 benefit balance of the Drugs, which resulted in injury to Plaintiff.

24           121. Despite the fact that Defendants knew or should have known that the  
25 Drugs caused unreasonable and dangerous side effects, they continued to promote  
26 and market the Drugs without stating that there existed safer and more or equally  
27 effective alternative drug products and/or providing adequate clinically relevant  
28 information and data.

122. Defendants knew or should have known that consumers, including Plaintiff, would foreseeably and needlessly suffer injury or death as a result of Defendants' failures.

123. Defendants failed to provide timely and adequate warnings to physicians, pharmacies, and consumers, including Plaintiff and Plaintiff's intermediary physicians, in at least the following ways:

- a. Defendants failed to include adequate warnings and/or provide adequate clinically relevant information and data that would alert Plaintiff and Plaintiff's physicians to the dangerous risks of the Drugs including, among other things, their tendency to increase the risk of, and/or cause, promote, or otherwise accelerate, the development of pancreatic cancer;
- b. Defendants failed to provide adequate post-marketing warnings and instructions after the Defendants knew or should have known of the significant risks of, among other things, pancreatic cancer; and
- c. Defendants continued to aggressively promote and sell the Drugs even after they knew or should have known of the unreasonable risks of developing pancreatic cancer from ingestion of the Drugs.

124. Defendants had an obligation to provide Plaintiff and Plaintiff's physicians with adequate clinically relevant information and data and warnings regarding the adverse health risks associated with exposure to the Drugs, and/or that there existed safer and more or equally effective alternative drug products.

125. By failing to provide Plaintiff and Plaintiff's physicians with adequate clinically relevant information and data and warnings regarding the adverse health risks associated with exposure to the Drugs, and/or that there existed safer and more or equally effective alternative drug products, Defendants breached their duty of reasonable care and safety.

126. Defendants' actions described above were performed willfully,

1 intentionally, and with reckless disregard of the life and safety of the Plaintiff and  
2 the public.

3 127. Defendants' actions described above violated the federal and state  
4 Food, Drug and Cosmetic Acts and rendered the Drugs misbranded.

5 128. As a direct and proximate result of the actions and inactions of the  
6 Defendants as set forth above, Plaintiff was exposed to the Drugs and suffered the  
7 injuries and damages set forth hereinabove.

8 COUNT II

9 STRICT PRODUCTS LIABILITY - DESIGN DEFECT

10 129. Plaintiff hereby incorporates by reference all preceding paragraphs as  
11 if fully set forth herein.

12 130. Defendants are the manufacturers, designers, distributors, sellers and  
13 suppliers of the Drugs, who sold The Drugs in the course of business.

14 131. The Drugs manufactured, designed, sold, marketed, distributed,  
15 supplied and/or placed in the stream of commerce by Defendants was expected to  
16 and did reach the consumer without any alterations or changes.

17 132. The Drugs administered to Plaintiff was defective in design or  
18 formulation in the following respects:

- 19 a. When it left the hands of the Defendants, these drugs were  
20 unreasonably dangerous to the extent beyond that which could  
21 reasonably be contemplated by Plaintiff or Plaintiff's physicians;
- 22 b. Any benefit of these Drugs were outweighed by the serious and  
23 undisclosed risks of its use when prescribed and used as the  
24 Defendants intended;
- 25 c. The dosages and/or formulation of the Drugs sold by the Defendants  
26 was unreasonably dangerous;
- 27 d. There are no patients for whom the benefits of the Drugs outweighed  
28 the risks;

- 1 e. The subject product was not made in accordance with the Defendants'  
2 specifications or performance standards;  
3 f. There are no patients for whom the Drugs is a safer and more  
4 efficacious drug than other drug products in its class; and/or  
5 g. There were safer alternatives that did not carry the same risks and  
6 dangers that Defendants' the Drugs had.

7 133. The Drugs administered to Plaintiff were defective at the time they  
8 were distributed by the Defendants or left their control.

9 134. The foreseeable risks associated with the design or formulation of the  
10 Drugs include, but are not limited to, the fact that the design or formulation of the  
11 Drugs are more dangerous than a reasonably prudent consumer would expect when  
12 used in an intended or reasonably foreseeable manner, and/or did not have the  
13 claimed benefits.

14 135. The defective and unreasonably dangerous design and marketing of the  
15 Drugs was a direct, proximate and producing cause of Plaintiff's injuries and  
16 damages. Under strict products liability theories set forth in Restatement (Second)  
17 of Torts, Defendants are liable to Plaintiff for all damages claimed in this case.

18 136. As a direct, legal, proximate, and producing result of the defective and  
19 unreasonably dangerous condition of the Drugs, Plaintiff suffered personal injuries,  
20 and economic and non-economic damages, including pain and suffering.

21 137. Defendants' actions and omissions as identified in this Complaint show  
22 that Defendants acted maliciously and/or intentionally disregarded Plaintiff's rights  
23 so as to warrant the imposition of punitive damages.

24 COUNT III

25 NEGLIGENCE

26 138. Plaintiff hereby incorporates by reference all preceding paragraphs as  
27 if fully set forth herein.

28 139. Defendants had a duty to exercise reasonable care in the manufacture,

1 sale and/or distribution of the Drugs into the stream of commerce, including a duty  
2 to ensure that the products did not cause users to suffer from unreasonable,  
3 dangerous side effects.

4 140. Defendants failed to exercise ordinary care in the manufacture, sale,  
5 testing, quality assurance, quality control, and/or distribution of the Drugs into  
6 interstate commerce in that Defendants knew or should have known that the Drugs  
7 created a high risk of unreasonable, dangerous side effects, including causing and  
8 increasing the risk of developing pancreatic cancer.

9 141. Defendants were negligent in the design, manufacture, testing,  
10 advertising, warning, marketing and sale of the Drugs.

11 142. Despite the fact that Defendants knew or should have known that the  
12 Drugs caused unreasonable, dangerous side effects, Defendants continued to market  
13 the Drugs to consumers including Plaintiff.

14 143. Defendants knew or should have known that consumers such as  
15 Plaintiff would foreseeably suffer injury as a result of Defendants' failure to  
16 exercise ordinary care as described above.

17 144. Defendants willfully and deliberately failed to avoid those  
18 consequences, and in doing so, Defendants acted with a conscious disregard of the  
19 safety of Plaintiff as alleged previously.

20 145. As a proximate and legal result of Defendants' negligence, Plaintiff  
21 was caused to suffer the herein described injuries and damages.

#### 22 COUNT IV

#### 23 BREACH OF IMPLIED WARRANTY

24 146. Plaintiff hereby incorporates by reference all preceding paragraphs as  
25 if fully set forth herein.

26 147. At all times mentioned in this Complaint, Defendants manufactured,  
27 compounded, packaged, distributed, recommended, merchandised, advertised,  
28 promoted, supplied, and sold the Drugs, and prior to the time the Drugs were

1 prescribed to Plaintiff, Defendants impliedly warranted to Plaintiff, and Plaintiff's  
2 physicians and healthcare providers, that the Drugs were of merchantable quality  
3 and safe for the use for which they were intended.

4 148. Plaintiff and Plaintiff's physicians and healthcare providers relied on  
5 the skill and judgment of the Defendants in using and prescribing the Drugs.

6 149. The products were unsafe for their intended use, and they were not of  
7 merchantable quality, as warranted by Defendants, in that the Drugs had very  
8 dangerous propensities when put to their intended use and would cause severe  
9 injury (or death) to the user. The Drugs were unaccompanied by adequate warnings  
10 of their dangerous propensities that were either known or reasonably scientifically  
11 knowable at the time of distribution.

12 150. As a proximate and legal result of the defective and unreasonably  
13 dangerous condition of the Drugs manufactured and supplied by Defendants,  
14 Plaintiff was caused to suffer the herein described injuries and damages.

15 151. After Plaintiff was made aware or otherwise came to believe that the  
16 injuries discussed herein were a result of the Drugs, notice was duly given to  
17 Defendants of the breach of said warranty.

#### 18 COUNT V

#### 19 BREACH OF EXPRESS WARRANTY

20 152. Plaintiff hereby incorporates by reference all preceding paragraphs as  
21 if fully set forth herein.

22 153. The aforementioned manufacturing, compounding, packaging,  
23 designing, distributing, testing, constructing, fabricating, analyzing, recommending,  
24 merchandizing, advertising, promoting, supplying and selling of the Drugs was  
25 expressly warranted to be safe for use by Plaintiff, and other members of the  
26 general public.

27 154. At the time of the making of the express warranties, Defendants had  
28 knowledge of the purpose for which the Drugs were to be used and warranted the



1 same to be in all respects, fit, safe, and effective and proper for such purpose. The  
2 Drugs were unaccompanied by adequate warnings of their dangerous propensities  
3 that were either known or knowable at the time of distribution.

4 155. Plaintiff and Plaintiff's physicians reasonably relied upon the skill and  
5 judgment of Defendants, and upon said express warranty, in using the Drugs. The  
6 warranty and representations were untrue in that the products were unsafe and,  
7 therefore, unsuited for the use for which they was intended. The Drugs could and  
8 did thereby cause Plaintiff to suffer the herein described injuries and damages.

9 156. As soon as the true nature of the products and the fact that the  
10 warranties and representations were false were ascertained, Defendants were  
11 notified of the breach of said warranty.

## 12 COUNT VI

### 13 PUNITIVE DAMAGES

14 (As Permitted by Applicable State Law)

15 164. Plaintiff hereby incorporates by reference all preceding paragraphs as  
16 if fully set forth herein.

17 165. Although Defendants knew or recklessly disregarded the fact that the  
18 Drugs cause debilitating and potentially lethal side effects, Defendants continued to  
19 market the Drugs to consumers, including Plaintiff, without disclosing these side  
20 effects when there were safer alternative methods for treating type 2 diabetes.

21 166. Defendants knew of the Drugs' defective nature, as set forth herein,  
22 but continued to design, manufacture, market, and sell them so as to maximize sales  
23 and profits at the expense of the health and safety of the public, including Plaintiff,  
24 in conscious and/or negligent disregard of the foreseeable harm caused by the  
25 Drugs.

26 167. Defendants intentionally concealed or recklessly failed to disclose to  
27 the public, including Plaintiff, the potentially life-threatening side effects of the  
28 Drugs to ensure their continued and increased sales. Defendants failed to provide

1 warnings that would have dissuaded physicians from prescribing the Drugs and  
 2 consumers from purchasing and consuming the Drugs, thus depriving physicians  
 3 and consumers from weighing the true risks against the benefits of prescribing  
 4 and/or purchasing and consuming the Drugs.

5 168. The aforementioned conduct of Defendants was willful and wanton  
 6 and was committed with knowing, conscious, and deliberate disregard for the rights  
 7 and safety of consumers such as Plaintiff, thereby entitling Plaintiff to punitive  
 8 damages to the extent permitted by applicable state law in an amount appropriate to  
 9 punish Defendants and deter them from similar conduct in the future.

## 10 COUNT VII

### 11 LOSS OF CONSORTIUM

12 (Only Applicable if Consortium Plaintiff(s) Named)

13 169. Plaintiff hereby incorporates by reference all preceding paragraphs as  
 14 if fully set forth herein and further alleges as follows:

15 170. Plaintiff was at all times relevant hereto the spouse, child, and/or  
 16 parent of the Decedent.

17 171. For the reasons set forth herein, Plaintiff has been caused, presently  
 18 and in the future, to suffer the loss of the Injured Party's companionship and  
 19 society, and accordingly, the Plaintiff has been caused great mental anguish.

## 20 COUNT VIII

### 21 WRONGFUL DEATH

22 (Only Applicable if Injured Party is Deceased)

23 172. Plaintiffs hereby incorporate by reference all paragraphs of this  
 24 Complaint as if fully set forth herein and further alleges as follows:

25 173. Plaintiff is the adult child, parent, spouse and/or surviving heir and  
 26 successor-in-interest to the Injured Party, who used Defendants' Drugs and was  
 27 injured and died as a result. Said Injured Party was prescribed, supplied with,  
 28 received, took, used and consumed said Drugs as tested, studied, researched,

1 evaluated, endorsed, designed, formulated, compounded, manufactured, produced,  
 2 processed, assembled, inspected, distributed, marketed, labeled, promoted,  
 3 packaged, advertised for sale, prescribed, sold or otherwise placed in the stream of  
 4 interstate commerce by Defendants.

5 174. The injuries and damages the Plaintiff and Injured Party were caused  
 6 by the wrongful acts, omissions, and fraudulent misrepresentations of Defendants.

7 175. As a result of the conduct of Defendants and the use of Defendants'  
 8 Drugs, the Injured Party suffered catastrophic and ultimately fatal injuries.

9 176. As a result of the death of the Decedent, Plaintiff was deprived of love,  
 10 companionship, comfort, affection, society, solace and or moral support of the  
 11 Injured Party.

12 177. Plaintiff is entitled to recover economic and non-economics damages  
 13 against all Defendants for wrongful death directly and legally caused by the defects  
 14 in defendants' Drugs and the negligent conduct, acts, errors, omissions and  
 15 intentional and negligent misrepresentations of Defendants, and each of them.

16 178. The representative/administrator/successor-in-interest of the Injured  
 17 Party's estate further pleads all wrongful death damages allowed by statute and law  
 18 in the state or states in which the causes of action accrued.

## 19 COUNT IX

### 20 SURVIVAL ACTION

21 (Only Applicable if Injured Party is Deceased)

22 179. Plaintiffs hereby incorporate by reference each and every paragraph of  
 23 this Complaint as if fully set forth herein and further alleges as follows:

24 180. As a direct and proximate result of the Defendants' conduct, and  
 25 failure to comply with applicable standards, as outlined above, the Injured Party  
 26 suffered bodily injury and resulting pain and suffering, disability, disfigurement,  
 27 mental anguish, loss of capacity of the enjoyment of life, expenses of  
 28 hospitalization, medical and nursing care and treatment, and loss of earnings as well

1 as loss of ability to earn money prior to the Injured Party's death.

2 181. The representative/administrator/successor-in-interest of the Injured  
3 Party's estate brings this claim on behalf of the Injured Party's estate and the  
4 Injured Party's beneficiaries for damages.

5 182. The representative/administrator/successor-in-interest of the Injured  
6 Party's estate further pleads all survival damages allowed by statute and law in the  
7 state or states in which the causes of action accrued.

8 PRAYER FOR RELIEF AND, AS APPLICABLE,

9 PRAYER FOR RELIEF FOR SURVIVAL AND WRONGFUL DEATH

10 **WHEREFORE**, Plaintiff prays for relief as follows:

- 11 1. Actual damages as alleged, jointly and/or severally against  
12 Defendants, in excess of \$75,000.00;
- 13 2. Economic damages, including, as applicable, wage loss and loss of  
14 earning capacity, in an amount to be determined at trial of this action;
- 15 3. Medical expenses, including for past and future treatment, in an  
16 amount to be determined at trial of this action;
- 17 4. Non-economic damages, including pain and suffering;
- 18 5. If applicable, all wrongful death and/or survival damages;
- 19 6. If applicable, burial and funeral expenses;
- 20 7. If applicable, loss of consortium, companionship, and society;
- 21 8. Punitive damages alleged against Defendants, including Plaintiff's  
22 attorney fees, in excess of \$75,000.00;
- 23 9. All pre- and post-judgment interest at the highest legal rate available  
24 under relevant law;
- 25 10. Attorneys' fees, expenses, and costs of this action; and
- 26 11. Such further relief as this Court deems necessary, just and proper.

27 JURY DEMAND

28 Plaintiff(s) hereby demands a trial by jury on all issues so triable.

1 Dated: November 26, 2013

2 RESPECTFULLY SUBMITTED,

3 

4 By:

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